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Find the *Nallatech BenDATA-DD* at our website: *Click HERE*

Virtex-II and DDR SDRAM Module
BenDATA™-DD



Overview

When memory density is a key application requirement, look no further than the BenDATA-DD. Combining a Virtex-II FPGA and 4 banks of high-speed DDR SDRAM, the module provides processing and memory expansion capability for Nallatech cPCI, VME, PCI and PC/104+ COTS FPGA computing systems. The 4 banks of DDR SDRAM on the BenDATA-DD offer an impressive 1 Gbyte of of local memory coupled directly to the on-board FPGA. This functionality is combined in a proven COTS solution, designed for ease of use, low risk and staighforward system integration/in-field deployment.

Key Features

- Expansion module for Nallatech cPCI, VME, PCI and PC/104+ COTS FPGA computing systems
- On-board Xilinx Virtex-II FPGA
- FPGA device sizes available: 2V3000
- 2V6000 or 2V8000
- Up to 105k logic cells of programmable logic per module
- Up to 168 Block RAMs and embedded multipliers per module
- 1 GByte of DDR SDSRAM
- in four independent banks DDR SDRAM interfacing IP Core
- DDR Data Rate of 266MHz
- Maximum memory bandwidth of 4.2GBytes/second
- Supported in Nallatech FUSE software
- Compatible with Nallatech DIMEtalk
- Multiple design-entry flows supported
- Supports industry-standard synthesis and implementation tools
- Includes open-source example designs

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Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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